



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

INSPECTION REPORT

Partial: xxx Complete: Exploration:

Inspection Date & Time: 10/27/99 / 10:30A.M.-2:00P.M.

Date of Last Inspection: 9/28/99

Mine Name: Centennial Project County: Carbon Permit Number: ACT/007/019

Permittee and/or Operator's Name: Andalex Resources, Inc.

Business Address: P.O. Box 902, Price, Utah 84501

Type of Mining Activity: Underground XXX Surface Prep. Plant Other

Company Official(s): Mike Glasson

State Officials(s): Peter Hess Federal Official(s): None

Weather Conditions: Clear, Cool, 30's

Existing Acreage: Permitted- 5063 Disturbed- 34 Regraded- 0 Seeded- 0 Bonded- 34

Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-

Status: Exploration/ XXX Active/ Inactive/ Temporary Cessation/ Bond Forfeiture

Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) <u> </u> (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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(Continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

2. **SIGNS AND MARKERS**

It was suggested that the permittee identification sign which is approximately 200 feet up-canyon from the powder and cap magazines (as shown on Plate 6 of the Centennial MRP) be moved down the canyon to where the disturbed area perimeter is shown on Plate 6. The disturbed area perimeter is approximately 30 feet up-canyon from the powder storage magazine.

4a. **HYDROLOGIC BALANCE: DIVERSIONS**

Two erosion gullies have developed 200 feet NNW of the Pinnacle Mine truck loadout; these need to be repaired. The berm, which should prevent this outslope flow from developing, needs to be repaired.

A ditch has been cut by erosion directly east of the Pinnacle Mine truck loadout. Flow in this ditch converges with flow in ditch DD-2, thence into the 18-inch culvert which flows to catch basin B-4. Mr. Glasson would prefer to add this ditch to the surface drainage map, rather than repair the damage, and then have future flows re-cut the area.

A review of Plate 8, Support Facilities Surface Drainage Area shows a designated ditch DD-9 on the west side of the Apex Mine truck loading loop. Surface personnel have placed numerous pieces of machinery in this flow path obstructing it. Mr. Glasson was instructed to have the machinery pulled back and have the ditch redefined according to design specification in the MRP.

The discharge end of culvert CD-8 needs cleaning.

The ditch on the west side of primary road #2, (PR-2) has had flows which have eroded around the concrete energy dissipaters which the permittee has installed, rendering them ineffective. The ditch needs work to repair this erosion.

Several other ditches were observed, and in general most of them needed some form of maintenance.

4c. **HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

The straw bales, which were installed in diversion ditch UD-3 (as shown on Plate 6) to control sediment flow into the main Canyon undisturbed bypass culvert, need maintenance to make them effective. Most of the channel has developed some vegetation.

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8. NONCOAL WASTE

The site has numerous empty 55-gallon barrels stored about. Some contained longwall makeup emulsion; some are Rok-Lok barrels (yellow and green). At least 44 empty emulsion barrels were counted in the Apex Mine area. This is more than a mine should conservatively be able to use. Mr. Glasson agreed to have the barrels disposed of, or returned to the manufacturer.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

Copy of this Report:


Mailed to: Mike Glasson (Andalex)

Henry Austin (OSM)

Given to: Pam Grubaugh-Littig (DOGM)

Filed to: Price Field Office

Date: November 1, 1999

Inspector's Signature:  #46
Peter Hess